

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 22, 1958

Eleven of the 12 cases of typhoid fever reported in California for the current week are from an epidemic in Los Angeles city (Morbidity and Mortality Report, week ended November 15, 1958). To date, laboratory reports on 1 carrier and 15 of 18 diagnosed cases in the epidemic have been positive for typhoid organisms, phage type E-1.

One case of rabies has been reported for the current week by the California Department of Public Health. The preliminary report states that a woman was bitten by a bat on August 30 and died November 4. There was a clinical diagnosis of rabies. She had received hyperimmune serum and duck embryo vaccine. Several days after biting the woman the bat was reported positive for rabies. If this case is confirmed by appropriate laboratory tests it will be the first clear-cut case of human rabies following a bite by a bat to be reported in the United States.

The 4 cases of encephalitis reported in Kansas for the current week represent 2 cases each of St. Louis and western equine encephalitis.

EPIDEMIOLOGICAL REPORTS

Staphylococcal food poisoning from cheese

Information of a preliminary nature has been received from the Indiana State Board of Health and Dr. J. H. Ackerman, Public Health Service, with reference to staphylococcal food poisoning following the eating of cheese produced in Wisconsin. During the week of October 20, 7 cases were reported in Three Oaks, Michigan, and later in the week sporadic cases were reported in Marshall County, Indiana. Eight additional cases were reported subsequently in southwestern Michigan and 2

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	47th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 22, 1958	Ended Nov. 23, 1957	Median 1953-57	First 47 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	12	-	-	15	18	26	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	4	11	12	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	9	9	27	728	852	1,184	(2)	(2)	(2)	(2)
Diphtheria-----055	47	46	62	774	1,018	1,646	424	554	904	July 1
Encephalitis, infectious-----082	43	21	25	2,173	1,713	1,713	1,564	1,153	1,153	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	359	211	510	14,126	13,738	29,067	3,531	2,728	5,384	Sept. 1
Malaria-----110-117	3	2	4	72	143	436	(2)	(2)	(2)	(2)
Measles-----085	3,654	2,237	2,320	733,058	464,582	539,601	22,695	14,928	14,928	Sept. 1
Meningococcal infections-----057	48	84	79	2,341	2,329	3,175	569	644	644	Sept. 1
Meningitis, other-----340	88	41	-	3,980	2,157	-	-	-	-	-
Poliomyelitis-----080	134	58	457	45,563	5,688	28,166	45,344	5,162	27,015	Apr. 1
Paralytic-----080.0,080.1	85	43	-	2,810	2,050	-	2,689	1,776	-	Apr. 1
Nonparalytic-----080.2	24	10	-	1,926	2,735	-	1,858	2,572	-	Apr. 1
Unspecified-----080.3	25	5	-	827	903	-	797	814	-	Apr. 1
Psittacosis-----096.2	3	1	3	131	227	250	(2)	(2)	(2)	(2)
Rabies in man-----094	51	1	-	5	5	8	(2)	(2)	(2)	(2)
Typhoid fever-----040	28	20	22	988	1,230	1,665	811	973	1,353	Apr. 1
Typhus fever, endemic-----101	1	2	2	66	110	121	54	85	105	Apr. 1
Rabies in animals-----	72	62	95	4,175	3,888	4,693	505	485	628	Oct. 1

¹Reported in Massachusetts and Pennsylvania. of aseptic meningitis; see footnote to table 2. for Florida, Indiana, Pennsylvania, and Virginia.

²Data show no pronounced seasonal change in incidence.

³Includes 31 cases

⁴Includes revised report for one or more of the categories of poliomyelitis

⁵Reported in California.

Symbols.—1 dash [—]: no cases reported; 3 dashes [— — —]: data not available

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ATLANTA 23, GEORGIA

EPIDEMIOLOGICAL REPORTS—Continued

outbreaks in Indiana. Illness has been characterized by nausea, vomiting, and diarrhea, after an incubation period of 2 to 4 hours. Samples of cheese examined in the Indiana and Michigan State Health Department laboratories have shown the presence of coagulase-positive hemolytic staphylococci. Samples of cheese held in storage at the manufacturing plant were taken by the Federal Food and Drug Administration and the Wisconsin State Board of Health; these samples have been found to contain staphylococci. The source of this organism may have been raw milk supplied by 10 dairies in Wisconsin. Investigations in Indiana have revealed the fact that complaints about the cheese had been received by the distributor of the product several times during the past summer. Various aspects of these outbreaks and rumors of similar cases in Tennessee and Iowa are being investigated. Steps are being taken to withdraw from the market all of the cheese that appears to have been involved in these episodes of illness.

Trichinosis

Information has been received from the West Virginia Department of Health about 3 cases of trichinosis reported in Kanawha County during early November. Intradermal skin tests and muscle biopsies positive for trichinosis were obtained from all 3 persons. One of the cases was in a 56-year-old female who first suffered a fever followed by symptoms of central nervous system involvement. While in a hospital with an initial diagnosis of brain tumor she developed periorbital edema and eosinophilia (51 percent). This woman denied she eats pork but later admitted to eating a ham sandwich. In the second instance a 26-year-old female was febrile and demonstrated periorbital edema and eosinophilia (48 percent). She had eaten uncooked sausage. The other illness concerned a 33-year-old female who complained of headache, fever, and periorbital edema on several occasions during a 6-month period. She admitted eating raw bacon, ham, and sausage. Investigation has failed to reveal a common source of infection, nor has the specific source been identified in each case. These are the first cases of trichinosis to be reported in West Virginia since 1952.

Histoplasmosis

The West Virginia Department of Health has also supplied information on a case of histoplasmosis in a male bus driver, about 30 years old. The man had been watching a wrecking crew demolish an old school building when all 4 walls of the building suddenly collapsed, showering dust and debris over the workers and spectators. One week later he developed a cough and fever and complained of general malaise. X-ray findings of the chest and an intradermal skin test were compatible with a diagnosis of histoplasmosis. Sputum specimens produced a fungus growth described as "morphologically characteristic of *Histoplasma capsulatum*." There was evidence that birds had occupied the upper story of the building for some time. Investigation is underway to determine whether any other persons exposed to the dust and debris of the building have become infected.

Infectious hepatitis

Information has been received from the Massachusetts Department of Public Health about a small outbreak of infectious

hepatitis in 2 communities in the northwest part of the State. During 1956 only 1 case of infectious hepatitis was reported in this area; in 1957 there were 3 cases; but during 1958 to date 36 cases have been reported. Four sporadic cases had been reported prior to July but since July 12, 2 or 3 new cases per week occurred until the weeks ended August 16 and 23 when 4 and 5 cases, respectively, had their onset. During September and October about 2 cases per week have been occurring. Investigation indicates the infection has been spread by direct contact but the exact manner of the spread is yet to be determined.

Malaria

Dr. J. E. McCroan, Georgia Department of Public Health, has supplied additional information on a case of malaria reported in Pennsylvania (Morbidity and Mortality Weekly Report, week ended November 1, 1958). The infected person had visited in Georgia prior to his illness. Dr. McCroan reports that examination of thick blood films obtained from persons in the neighborhood and household which the man visited have yielded negative findings. As a measure of further investigation it is reported that all physicians in the area have been asked to submit to the laboratory thick blood films obtained from all persons with fever of unknown origin during a period of 3 months.

Typhoid fever

Dr. H. D. Palmer, New Jersey District State Health Officer, has reported an outbreak of 6 cases of typhoid fever in a community of about 1,000 population. On October 24, 1958, a 42-year-old woman died with a tentative diagnosis of typhoid fever. This diagnosis was subsequently confirmed. By November 8, other cases had developed in 5 persons ranging in age from 2 to 16 years. The diagnoses were confirmed by isolation of *Salmonella typhi* from stool specimens and/or agglutination titers. Blood specimens were positive for "O" and "H" antigens. The community is without public water and sewerage facilities. The houses in which the illnesses occurred have cesspools and shallow wells. The area was described as a "slum." Stool and urine specimens are being obtained from the immediate contacts and from recent visitors of the infected persons as well as other possible contacts.

Staphylococcal food poisoning

The California Department of Public Health has supplied information on 3 outbreaks of staphylococcal food poisoning, investigated by F. S. Listick, Los Angeles City Health Department. One of the outbreaks occurred in a home for the aged where 27 persons out of 31 who ate the suspect food, turkey salad, became ill from 1½ to 6½ hours after eating. Symptoms of nausea, vomiting and diarrhea lasted about 1 day. The turkey salad contained turkey left over from a dinner the previous day, mayonnaise, chopped eggs, and celery. The mayonnaise was from a newly opened jar. On the morning of the day the turkey salad was served the cook reported the refrigerator had not been operating all during the night. A sample of the salad was positive for staphylococci.

In another outbreak 29 persons became ill after eating a luncheon attended by approximately 90 persons. About 41 persons ate the suspect food, turkey salad. All but 2 persons developed symptoms from 1 to 5 hours after eating; for the 2, the time of onset ranged up to 18 hours. Symptoms in-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 23, 1957, AND NOVEMBER 22, 1958

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		47th week		Cumulative first 47 weeks		082		47th week		Cumulative first 47 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	9	9	47	46	774	1,018	43	21	359	211	14,126	13,738
NEW ENGLAND-----	-	-	2	2	8	26	-	-	24	10	548	736
Maine-----	-	-	-	-	-	3	-	-	2	2	67	232
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	1	-	27	88
Massachusetts-----	-	-	2	2	7	23	-	-	11	2	276	216
Rhode Island-----	-	-	-	-	-	-	-	-	1	1	67	71
Connecticut-----	-	-	-	-	1	-	-	-	9	5	109	121
MIDDLE ATLANTIC-----	1	-	-	4	36	87	3	9	63	49	1,908	2,223
New York-----	1	-	-	3	16	40	-	4	32	40	1,278	1,401
New Jersey-----	-	-	-	-	3	10	1	4	4	3	153	266
Pennsylvania-----	-	-	-	1	17	37	2	1	27	6	477	556
EAST NORTH CENTRAL-----	-	1	-	5	42	51	8	2	48	18	2,320	2,395
Ohio-----	-	-	-	-	8	13	1	1	9	9	723	586
Indiana-----	-	-	-	5	18	17	1	-	6	-	206	307
Illinois-----	-	-	-	-	9	3	6	-	13	3	562	666
Michigan-----	-	1	-	-	6	16	-	1	16	6	622	601
Wisconsin-----	-	-	-	-	1	2	-	-	4	-	207	235
WEST NORTH CENTRAL-----	3	4	6	5	111	81	4	1	19	8	1,146	753
Minnesota-----	-	-	6	1	51	35	-	-	4	4	173	282
Iowa-----	1	4	-	-	14	7	-	-	7	1	197	171
Missouri-----	-	-	-	-	14	1	-	-	3	1	230	123
North Dakota-----	-	-	-	-	3	3	-	-	3	1	215	92
South Dakota-----	-	-	-	3	17	10	-	-	-	1	16	35
Nebraska-----	1	-	-	1	10	18	-	-	2	-	81	24
Kansas-----	1	-	-	-	2	7	4	1	-	-	234	26
SOUTH ATLANTIC-----	1	1	27	10	256	351	2	2	27	9	1,080	1,057
Delaware-----	-	-	-	-	-	-	-	-	-	-	52	10
Maryland-----	-	-	-	-	3	3	-	-	9	1	148	93
District of Columbia-----	-	-	-	-	2	-	-	-	-	-	19	12
Virginia-----	-	1	3	-	32	16	1	-	6	2	260	406
West Virginia-----	-	-	-	-	10	9	-	-	3	1	142	88
North Carolina-----	-	-	1	1	28	45	1	1	2	-	60	102
South Carolina-----	-	-	2	3	38	96	-	-	-	3	39	33
Georgia-----	1	-	16	4	94	102	-	1	-	1	132	124
Florida-----	-	-	5	2	49	80	-	-	7	1	228	189
EAST SOUTH CENTRAL-----	1	-	4	12	81	155	5	1	23	21	1,146	1,744
Kentucky-----	-	-	1	2	5	18	3	1	14	10	557	748
Tennessee-----	-	-	-	-	10	12	1	-	3	2	305	629
Alabama-----	-	-	2	6	37	68	-	-	6	7	201	244
Mississippi-----	1	-	1	4	29	57	1	-	-	2	83	123
WEST SOUTH CENTRAL-----	1	1	7	6	173	197	12	-	22	29	1,072	1,064
Arkansas-----	-	-	2	3	34	37	-	-	-	1	96	75
Louisiana-----	1	-	-	1	62	24	-	-	-	-	13	51
Oklahoma-----	-	1	-	-	25	23	-	-	1	3	145	124
Texas-----	-	-	5	2	52	113	12	-	21	25	818	814
MOUNTAIN-----	-	1	1	1	54	35	1	1	71	24	2,196	1,191
Montana-----	-	1	-	-	16	9	-	-	12	-	370	170
Idaho-----	-	-	-	-	2	1	-	-	15	3	186	96
Wyoming-----	-	-	-	1	2	6	-	1	-	4	18	53
Colorado-----	-	-	1	-	12	2	-	-	11	1	273	176
New Mexico-----	-	-	-	-	18	11	-	-	22	11	320	374
Arizona-----	-	-	-	-	4	4	-	-	6	4	757	236
Utah-----	-	-	-	-	-	2	1	-	4	1	170	56
Nevada-----	-	-	-	-	-	-	-	-	1	-	102	30
PACIFIC-----	2	1	-	1	13	35	8	5	62	43	2,710	2,575
Washington-----	1	-	-	-	-	23	-	-	9	5	432	356
Oregon-----	-	-	-	-	8	3	1	-	13	3	408	480
California-----	1	1	-	1	5	9	7	5	40	35	1,870	1,739
Alaska-----	-	-	-	-	-	-	-	-	-	3	79	99
Hawaii-----	-	-	-	-	-	1	-	-	5	1	63	63
Puerto Rico-----	-	-	2	1	48	60	-	1	16	5	153	159

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 23, 1957, AND NOVEMBER 22, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic					
	47th week		Cumulative first 47 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	134	58	5,563	5,688	85	43	24	10	3	2	3,654	2,237
NEW ENGLAND-----	1	1	91	80	-	1	-	-	-	-	408	245
Maine-----	-	-	4	8	-	-	-	-	-	-	9	17
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	22	15
Vermont-----	-	-	7	5	-	-	-	-	-	-	74	2
Massachusetts-----	-	-	30	24	-	-	-	-	-	-	108	175
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	3	4
Connecticut-----	1	1	43	39	-	1	-	-	-	-	192	32
MIDDLE ATLANTIC-----	15	2	668	334	2	2	8	-	-	-	766	379
New York-----	3	2	277	212	1	2	1	-	-	-	105	344
New Jersey-----	5	-	282	79	-	-	1	-	-	-	210	8
Pennsylvania-----	7	-	² 109	43	1	-	6	-	-	-	451	27
EAST NORTH CENTRAL-----	35	12	1,992	1,512	17	11	7	-	1	-	422	384
Ohio-----	6	1	374	263	3	-	-	-	-	-	110	88
Indiana-----	6	3	² 129	189	1	3	-	-	1	-	39	7
Illinois-----	6	3	235	345	3	3	2	-	-	-	62	48
Michigan-----	17	3	1,196	502	10	3	5	-	-	-	109	48
Wisconsin-----	-	2	60	213	-	2	-	-	-	-	102	193
WEST NORTH CENTRAL-----	12	2	372	448	10	1	2	1	-	-	326	42
Minnesota-----	1	1	31	52	1	-	-	1	-	-	6	7
Iowa-----	4	-	67	83	3	-	1	-	-	-	193	-
Missouri-----	7	1	155	121	6	1	1	-	-	-	31	2
North Dakota-----	-	-	41	11	-	-	-	-	-	-	88	31
South Dakota-----	-	-	13	40	-	-	-	-	-	-	7	-
Nebraska-----	-	-	34	77	-	-	-	-	-	-	1	2
Kansas-----	-	-	31	64	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	17	13	808	814	15	11	1	2	-	1	539	401
Delaware-----	-	-	23	5	-	-	-	-	-	-	2	1
Maryland-----	2	4	25	29	1	3	1	1	-	-	25	120
District of Columbia-----	-	1	5	66	-	1	-	-	-	-	-	17
Virginia-----	5	3	² 143	109	5	3	-	-	-	1	102	40
West Virginia-----	4	1	193	50	4	1	-	-	-	-	154	145
North Carolina-----	1	1	105	214	1	1	-	-	-	-	64	13
South Carolina-----	-	1	26	127	-	1	-	-	-	-	36	5
Georgia-----	-	-	54	82	-	-	-	-	-	-	34	44
Florida-----	5	2	² 234	132	4	1	-	1	-	-	122	16
EAST SOUTH CENTRAL-----	13	7	349	406	6	1	2	3	-	-	183	118
Kentucky-----	3	1	70	109	3	-	-	1	-	-	71	17
Tennessee-----	3	1	111	145	2	-	1	1	-	-	81	95
Alabama-----	5	3	53	53	-	-	-	-	-	-	30	5
Mississippi-----	2	2	115	99	1	1	1	1	-	-	1	1
WEST SOUTH CENTRAL-----	28	12	712	1,066	24	9	3	2	1	-	213	141
Arkansas-----	2	-	27	55	2	-	-	-	1	-	-	2
Louisiana-----	1	1	77	179	1	-	-	1	-	-	-	5
Oklahoma-----	1	1	57	122	-	-	-	-	-	-	21	8
Texas-----	24	10	551	710	21	9	3	1	-	-	192	126
MOUNTAIN-----	1	1	194	238	1	-	-	1	1	-	366	308
Montana-----	-	-	64	12	-	-	-	-	-	-	113	136
Idaho-----	-	-	12	25	-	-	-	-	-	-	16	40
Wyoming-----	-	-	12	13	-	-	-	-	-	-	1	-
Colorado-----	-	1	20	48	-	-	-	1	-	-	151	61
New Mexico-----	-	-	36	49	-	-	-	-	-	-	18	33
Arizona-----	1	-	34	55	1	-	-	-	1	-	43	19
Utah-----	-	-	11	32	-	-	-	-	-	-	21	19
Nevada-----	-	-	5	4	-	-	-	-	-	-	3	-
PACIFIC-----	12	8	377	790	10	7	1	1	-	1	431	219
Washington-----	1	1	34	18	-	1	-	-	-	-	76	40
Oregon-----	-	1	38	45	-	1	-	-	-	-	142	89
California-----	11	6	305	727	10	5	1	1	-	1	213	90
Alaska-----	-	-	2	3	-	-	-	-	-	-	62	28
Hawaii-----	-	1	75	10	-	1	-	-	-	-	9	-
Puerto Rico-----	-	-	55	33	-	-	-	-	-	-	143	32

¹Includes cases not specified by type, category number 080.3.²Includes revised report for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

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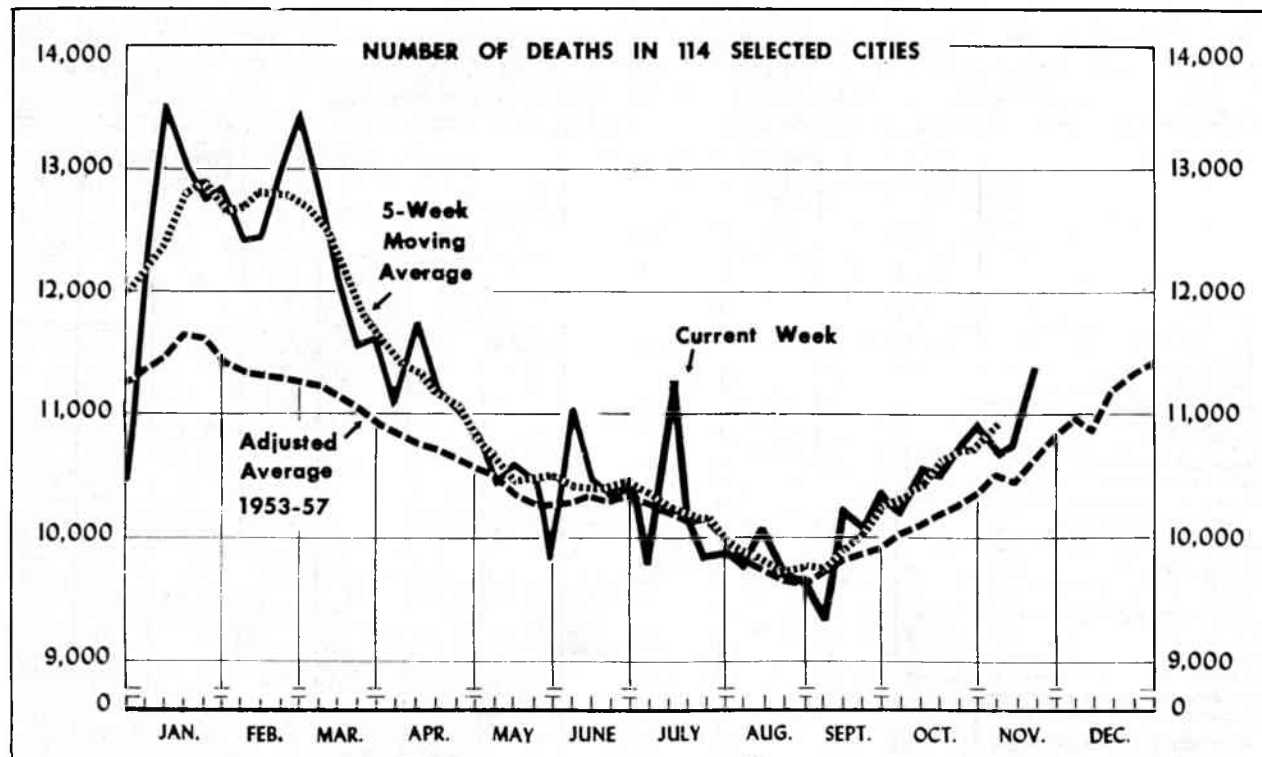
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 23, 1957, AND NOVEMBER 22, 1958—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		47th week		Cumulative first 47 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	48	84	88	3	1	28	20	988	1,230	1	72	62
NEW ENGLAND-----	3	2	5	-	-	-	-	19	24	-	-	-
Maine-----	1	-	-	-	-	-	-	2	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	1	5	-	-	-	-	9	12	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	1	5	-	-	-
Connecticut-----	-	1	-	-	-	-	-	6	3	-	-	-
MIDDLE ATLANTIC-----	10	14	-	2	1	2	7	106	146	-	9	7
New York-----	5	9	-	1	-	-	-	34	56	-	8	5
New Jersey-----	4	-	-	-	-	2	1	24	20	-	-	-
Pennsylvania-----	1	5	-	1	1	-	6	48	70	-	1	2
EAST NORTH CENTRAL-----	16	18	28	-	-	3	-	103	171	-	4	2
Ohio-----	3	4	-	-	-	-	-	37	63	-	-	-
Indiana-----	2	4	1	-	-	2	-	18	59	-	1	2
Illinois-----	4	3	24	-	-	-	-	22	20	-	1	-
Michigan-----	4	4	3	-	-	1	-	16	15	-	1	-
Wisconsin-----	3	3	-	-	-	-	-	10	14	-	1	-
WEST NORTH CENTRAL-----	1	7	4	-	-	1	-	77	88	-	24	18
Minnesota-----	-	5	4	-	-	-	-	3	5	-	9	11
Iowa-----	-	-	-	-	-	-	-	16	22	-	3	6
Missouri-----	-	-	-	-	-	1	-	36	44	-	1	1
North Dakota-----	-	-	-	-	-	-	-	2	2	-	-	-
South Dakota-----	-	2	-	-	-	-	-	7	8	-	10	-
Nebraska-----	-	-	-	-	-	-	-	2	1	-	1	-
Kansas-----	1	-	-	-	-	-	-	11	6	-	-	-
SOUTH ATLANTIC-----	2	16	10	-	-	1	3	166	231	-	13	16
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	-	-	3	-	-	-	-	11	10	-	-	-
District of Columbia-----	1	-	-	-	-	-	-	6	9	-	-	-
Virginia-----	1	4	2	-	-	-	1	38	41	-	4	7
West Virginia-----	-	2	1	-	-	-	-	21	50	-	2	-
North Carolina-----	-	9	-	-	-	1	-	19	14	-	-	1
South Carolina-----	-	-	1	-	-	-	-	12	20	-	1	3
Georgia-----	-	1	-	-	-	-	-	32	32	-	6	4
Florida-----	-	-	33	-	-	-	1	22	54	-	-	1
EAST SOUTH CENTRAL-----	5	9	6	-	-	2	2	117	171	-	7	10
Kentucky-----	1	3	2	-	-	2	-	36	54	-	5	6
Tennessee-----	1	1	3	-	-	-	-	34	65	-	1	2
Alabama-----	3	3	-	-	-	-	-	19	12	-	1	2
Mississippi-----	-	2	1	-	-	-	2	28	40	-	-	-
WEST SOUTH CENTRAL-----	7	7	4	-	-	5	5	229	246	1	12	8
Arkansas-----	2	2	-	-	-	2	-	29	42	-	7	1
Louisiana-----	1	2	-	-	-	-	-	83	57	-	1	3
Oklahoma-----	1	2	1	-	-	-	-	11	26	-	-	-
Texas-----	3	1	3	-	-	3	5	106	121	1	4	4
MOUNTAIN-----	2	-	1	-	-	1	2	75	54	-	-	-
Montana-----	-	-	-	-	-	-	-	4	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	7	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	4	2	-	-	-
Colorado-----	-	-	1	-	-	-	-	9	12	-	-	-
New Mexico-----	-	-	-	-	-	1	1	32	20	-	-	-
Arizona-----	2	-	-	-	-	-	1	11	10	-	-	-
Utah-----	-	-	-	-	-	-	-	-	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	2	11	30	1	-	13	1	96	99	-	3	1
Washington-----	-	-	-	-	-	-	-	3	7	-	-	-
Oregon-----	-	1	2	-	-	1	-	13	6	-	-	-
California-----	2	10	328	1	-	12	1	80	86	-	3	1
Alaska-----	-	-	-	-	-	-	1	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	4	1	-	-
Puerto Rico-----	1	-	3	-	-	-	-	24	17	-	-	-

^a Aseptic meningitis.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease not notifiable.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	47th week ended Nov. 22, 1958	46th week ended Nov. 15, 1958	Adjusted average, 47th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 47 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	¹ 11,382	10,775	10,690	+6.5	¹ 519,321	513,368	+1.2
New England----- (14 cities)	¹ 688	681	705	-2.4	¹ 32,823	32,911	-0.3
Middle Atlantic----- (20 cities)	¹ 3,270	3,039	3,181	+2.8	¹ 149,706	149,205	+0.3
East North Central----- (19 cities)	2,435	2,312	2,322	+4.9	110,867	111,098	-0.2
West North Central----- (9 cities)	791	851	766	+3.3	36,771	36,691	+0.2
South Atlantic----- (11 cities)	912	909	901	+1.2	44,765	43,274	+3.4
East South Central----- (8 cities)	568	520	482	+17.8	24,199	22,970	+5.4
West South Central----- (13 cities)	933	920	845	+10.4	44,128	42,717	+3.3
Mountain----- (8 cities)	337	299	246	+37.0	13,921	12,827	+8.5
Pacific----- (12 cities)	1,448	1,244	1,285	+12.7	62,141	61,675	+0.8

¹Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	47th week ended Nov. 22, 1958	46th week ended Nov. 15, 1958	CUMULATIVE NUMBER FIRST 47 WEEKS	
			1958	1957
NEW ENGLAND:				
Boston, Mass.-----	235	216	11,262	11,169
Bridgeport, Conn.-----	46	34	1,757	1,815
Cambridge, Mass.-----	33	32	1,346	1,387
Fall River, Mass.-----	25	26	1,278	1,281
Hartford, Conn.-----	65	40	2,361	2,357
Lowell, Mass.-----	10	28	1,188	1,312
Lynn, Mass.-----	126	16	21,041	1,012
New Bedford, Mass.-----	22	17	1,080	1,140
New Haven, Conn.-----	47	67	2,166	2,191
Providence, R. I.-----	57	69	3,008	2,922
Somerville, Mass.-----	13	15	661	620
Springfield, Mass.-----	40	35	1,963	1,983
Waterbury, Conn.-----	21	28	1,230	1,180
Worcester, Mass.-----	48	58	2,482	2,542
MIDDLE ATLANTIC:				
Albany, N. Y.-----	58	57	2,316	2,337
Allentown, Pa.-----	41	31	1,527	1,812
Buffalo, N. Y.-----	151	151	6,972	6,741
Camden, N. J.-----	28	29	1,928	1,898
Elizabeth, N. J.-----	29	39	1,389	1,331
Erie, Pa.-----	42	44	1,688	1,697
Jersey City, N. J.-----	76	63	3,274	3,263
Newark, N. J.-----	106	96	4,454	4,855
New York City, N. Y.-----	1,607	1,629	75,877	75,442
Paterson, N. J.-----	46	27	1,905	1,834
Philadelphia, Pa.-----	539	328	23,315	22,872
Pittsburgh, Pa.-----	214	172	8,839	8,739
Reading, Pa.-----	120	14	2,985	1,099
Rochester, N. Y.-----	93	85	4,727	4,640
Schenectady, N. Y.-----	124	41	21,075	1,107
Scranton, Pa.-----	45	40	1,642	1,772
Syracuse, N. Y.-----	53	81	2,929	2,800
Trenton, N. J.-----	42	46	2,160	2,115
Utica, N. Y.-----	22	29	1,264	1,472
Yonkers, N. Y.-----	34	37	1,440	1,379
EAST NORTH CENTRAL:				
Akron, Ohio-----	67	61	2,661	2,577
Canton, Ohio-----	30	28	1,448	1,489
Chicago, Ill.-----	752	737	35,224	35,928
Cincinnati, Ohio-----	188	128	7,521	7,224
Cleveland, Ohio-----	198	219	9,715	9,831
Columbus, Ohio-----	126	106	5,388	5,316
Dayton, Ohio-----	57	76	3,358	3,394
Detroit, Mich.-----	336	322	14,952	15,330
Evansville, Ind.-----	30	33	1,787	1,530
Flint, Mich.-----	46	39	1,764	1,772
Fort Wayne, Ind.-----	51	41	1,646	1,695
Gary, Ind.-----	41	31	1,471	1,386
Grand Rapids, Mich.-----	39	30	1,905	1,915
Indianapolis, Ind.-----	130	118	6,073	5,733
Madison, Wis.-----	(32)	(35)	(1,520)	(1,504)
Milwaukee, Wis.-----	122	132	6,138	6,178
Peoria, Ill.-----	42	31	1,495	1,420
Rockford, Ill.-----	(29)	(29)	(1,235)	(1,225)
South Bend, Ind.-----	38	24	1,259	1,235
Toledo, Ohio-----	83	96	4,583	4,487
Youngstown, Ohio-----	59	60	2,479	2,658
WEST NORTH CENTRAL:				
Des Moines, Iowa-----	53	53	2,546	2,623
Duluth, Minn.-----	27	23	1,165	1,261
Kansas City, Kans.-----	18	47	1,325	1,353
Kansas City, Mo.-----	105	122	5,663	5,625
Lincoln, Nebr.-----	(18)	(36)	(1,164)	---
Minneapolis, Minn.-----	138	142	5,898	6,014
Omaha, Nebr.-----	70	77	3,248	3,256
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.-----	278	254	11,497	11,367
St. Paul, Minn.-----	67	78	3,320	3,115
Wichita, Kans.-----	35	55	2,109	2,077
SOUTH ATLANTIC:				
Atlanta, Ga.-----	90	119	5,148	5,217
Baltimore, Md.-----	236	223	11,460	11,332
Charlotte, N. C.-----	53	37	1,657	1,606
Jacksonville, Fla.-----	58	61	2,777	2,546
Miami, Fla.-----	60	55	3,299	2,396
Norfolk, Va.-----	42	24	1,653	1,745
Richmond, Va.-----	65	67	3,480	3,544
Savannah, Ga.-----	51	19	1,525	1,418
St. Petersburg, Fla.-----	(67)	(73)	(2,991)	---
Tampa, Fla.-----	49	71	2,996	2,906
Washington, D. C.-----	168	193	9,031	8,860
Wilmington, Del.-----	40	40	1,739	1,704
EAST SOUTH CENTRAL:				
Birmingham, Ala.-----	97	80	4,064	3,769
Chattanooga, Tenn.-----	47	59	2,222	2,158
Knoxville, Tenn.-----	28	25	1,271	1,271
Louisville, Ky.-----	132	123	5,133	5,030
Memphis, Tenn.-----	126	97	5,389	5,015
Mobile, Ala.-----	45	41	1,784	1,709
Montgomery, Ala.-----	30	32	1,576	1,251
Nashville, Tenn.-----	63	63	2,760	2,767
WEST SOUTH CENTRAL:				
Austin, Tex.-----	26	22	1,491	1,404
Baton Rouge, La.-----	30	26	1,304	1,170
Corpus Christi, Tex.-----	26	26	989	1,003
Dallas, Tex.-----	117	126	5,388	5,173
El Paso, Tex.-----	33	48	1,710	1,489
Fort Worth, Tex.-----	68	55	2,823	2,961
Houston, Tex.-----	138	140	7,375	7,057
Little Rock, Ark.-----	65	60	2,583	2,485
New Orleans, La.-----	184	177	8,167	8,108
Oklahoma City, Okla.-----	65	58	3,155	2,911
San Antonio, Tex.-----	93	105	4,543	4,521
Shreveport, La.-----	44	34	2,278	2,210
Tulsa, Okla.-----	44	43	2,330	2,225
MOUNTAIN:				
Albuquerque, N. Mex.-----	33	30	1,324	1,219
Colorado Springs, Colo.-----	15	21	714	638
Denver, Colo.-----	116	99	5,261	5,234
Ogden, Utah-----	15	11	687	595
Phoenix, Ariz.-----	72	57	2,119	1,495
Pueblo, Colo.-----	20	13	613	590
Salt Lake City, Utah-----	44	49	2,247	2,117
Tucson, Ariz.-----	22	19	956	939
PACIFIC:				
Berkeley, Calif.-----	19	12	873	918
Fresno, Calif.-----	(43)	(66)	(1,886)	---
Glendale, Calif.-----	---	(25)	---	---
Long Beach, Calif.-----	59	45	2,579	2,526
Los Angeles, Calif.-----	531	438	22,572	22,251
Oakland, Calif.-----	121	77	4,359	4,434
Pasadena, Calif.-----	34	31	1,619	1,661
Portland, Oreg.-----	128	101	4,701	4,597
Sacramento, Calif.-----	50	62	2,441	2,409
San Diego, Calif.-----	92	83	3,857	3,732
San Francisco, Calif.-----	163	183	8,810	8,941
San Jose, Calif.-----	(27)	(25)	(1,065)	---
Seattle, Wash.-----	137	134	6,319	6,166
Spokane, Wash.-----	68	39	2,157	2,194
Tacoma, Wash.-----	46	39	1,854	1,846
Honolulu, Hawaii-----	(34)	(42)	(1,716)	(1,785)

¹Estimated.

²Includes estimate for current week.

Symbols.—Parenthesis [()] : data not included in table 3; 3 dashes [---] : data not available.

Morbidity and Mortality Weekly Report

EPIDEMIOLOGICAL REPORTS—Continued

cluded nausea, vomiting, diarrhea, cramps, headache, bloated with gas, chills, and heartburn. The turkey used in the salad was out of refrigeration for about 1½ hours the day before serving while the cooked meat was removed from the bones. The day of serving it was out of refrigeration while mixed with mayonnaise from a new jar of a commercial make, celery, green pepper, and hard boiled eggs. After being put on individual plates it was again refrigerated for about 2 hours before being served. Samples of the salad were positive for pathogenic micrococci. A sample of apricot puff served at the meal was also examined and found negative.

The other outbreak occurred in a private residence. Fifteen persons who ate the suspect food became ill approximately 5 hours after eating a lobster, shrimp, and crab newburg. Symptoms ranged from diarrhea only to nausea, vomiting, diarrhea, and cramps, and lasted about 6 hours. The ingredients of the newburg included chopped parsley, frozen shrimp, frozen lobster, frozen crab meat, whole milk, flour, and eggs. The frozen seafoods were kept frozen until about 5 hours before serving when they were allowed to thaw before being mixed with the freshly prepared sauce. The prepared newburg was placed in a pan of hot water until served several hours later. Specimens of the newburg, and also turkey, cake, pilaf, and fruit which were served were examined. Both the turkey and newburg contained pathogenic staphylococcus. But the food histories of the ill persons indicated the source of the infection was the newburg.

In each of the outbreaks there was no history of illness among the food handlers.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

America.—Leeward Islands, Antigua (p. 32) now requires smallpox vaccination of all arrivals. For St. Kitts-Nevis-Anguilla and Montserrat the information remains the same.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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